



RAW SEQUENCE LISTING

DATE: 08/09/2004

PATENT APPLICATION: US/10/606,159

TIME: 12:18:36

Input Set : N:\AMC\US10606159.raw

Output Set: N:\CRF4\08092004\J606159.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: NEBOJSA JANJIC, LARRY GOLD

3 (ii) TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR (PDGF) NUCLEIC

4 ACID LIGAND COMPLEXES

5 (iii) NUMBER OF SEQUENCES: 149

6 (iv) CORRESPONDENCE ADDRESS:

7 (A) ADDRESSEE: Swanson and Bratschun, L.L.C.

8 (B) STREET: 1745 Shea Center Drive, Suite 330

9 (C) CITY: Highlands Ranch

10 (D) STATE: Colorado

11 (E) COUNTRY: USA

12 (F) ZIP: 80129

13 (v) COMPUTER READABLE FORM:

14 (A) MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage

15 (B) COMPUTER: IBM compatible

16 (C) OPERATING SYSTEM: MS-DOS

17 (D) SOFTWARE: Word 97

18 (vi) CURRENT APPLICATION DATA:

C--> 19 (A) APPLICATION NUMBER: US/10/606,159

C--> 20 (B) FILING DATE: 24-Jun-2003

21 (vii) PRIOR APPLICATION DATA:

W--> 22 (A) APPLICATION NUMBER: US/08/991,743C

23 (B) FILING DATE: 16-Dec-1997

W--> 24 (A) APPLICATION NUMBER: 08/618,693

25 (B) FILING DATE: 20-MARCH-1996

W--> 26 (A) APPLICATION NUMBER: 08/479,783

27 (B) FILING DATE: 7-JUNE-1995

W--> 28 (A) APPLICATION NUMBER: 08/479,725

29 (B) FILING DATE: 7-JUNE-1995

30 (viii) ATTORNEY/AGENT INFORMATION:

31 (A) NAME: Barry J. Swanson

32 (B) REGISTRATION NUMBER: 33,215

33 (C) REFERENCE/DOCKET NUMBER: NEX66

34 (ix) TELECOMMUNICATION INFORMATION:

35 (A) TELEPHONE: (303) 268-0066

36 (B) TELEFAX: (303) 268-0065

37 (2) INFORMATION FOR SEQ ID NO: 1:

38 (i) SEQUENCE CHARACTERISTICS:

39 (A) LENGTH: 86 base pairs

40 (B) TYPE: nucleic acid

41 (C) STRANDEDNESS: single

42 (D) TOPOLOGY: linear



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W--> 43      (ii) MOLECULE TYPE: DNA
44      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
45      ATCCGCCTGA TTAGCGATAC TNNNNNNNNNN NNNNNNNNNNN NNNNNNNNNNN 50
46      NNNNNNNNNNN NACTTGAGCA AAATCACCTG CAGGGG      86
48 (2) INFORMATION FOR SEQ ID NO: 2:
49      (i) SEQUENCE CHARACTERISTICS:
50          (A) LENGTH: 25 base pairs
51          (B) TYPE: nucleic acid
52          (C) STRANDEDNESS: single
53          (D) TOPOLOGY: linear
W--> 54      (ii) MOLECULE TYPE: DNA
55      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
56      CCCCTGCAGG TGATTTTGCT CAAGT      25
58 (2) INFORMATION FOR SEQ ID NO: 3:
59      (i) SEQUENCE CHARACTERISTICS:
60          (A) LENGTH: 49 base pairs
61          (B) TYPE: nucleic acid
62          (C) STRANDEDNESS: single
63          (D) TOPOLOGY: linear
W--> 64      (ii) MOLECULE TYPE: DNA
65      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
66      CCGAAGCTTA ATACGACTCA CTATAGGGAT CCGCCTGATT AGCGATACT 49
68 (2) INFORMATION FOR SEQ ID NO: 4:
69      (i) SEQUENCE CHARACTERISTICS:
70          (A) LENGTH: 84 base pairs
71          (B) TYPE: nucleic acid
72          (C) STRANDEDNESS: single
73          (D) TOPOLOGY: linear
W--> 74      (ii) MOLECULE TYPE: DNA
75      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
76      ATCCGCCTGA TTAGCGATAC TAGGCTTGAC AAAGGGCACC ATGGCTTAGT 50
77      GGTCTAGTA CTTGAGCAA ATCACCTGCA GGGG      84
79 (2) INFORMATION FOR SEQ ID NO: 5:
80      (i) SEQUENCE CHARACTERISTICS:
81          (A) LENGTH: 85 base pairs
82          (B) TYPE: nucleic acid
83          (C) STRANDEDNESS: single
84          (D) TOPOLOGY: linear
W--> 85      (ii) MOLECULE TYPE: DNA
86      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
87      ATCCGCCTGA TTAGCGATAC TCAGGGCACT GCAAGCAATT GTGGTCCCAA 50
88      TGGGCTGAGT ACTTGAGCAA AATCACCTGC AGGGG      85
90 (2) INFORMATION FOR SEQ ID NO: 6:
91      (i) SEQUENCE CHARACTERISTICS:
92          (A) LENGTH: 86 base pairs
93          (B) TYPE: nucleic acid
94          (C) STRANDEDNESS: single
95          (D) TOPOLOGY: linear
W--> 96      (ii) MOLECULE TYPE: DNA

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97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
98      ATCCGCCTGA TTAGCGATAC TCCAGGCAGT CATGGTCATT GTTTACAGTC   50
99      GTGGAGTAGG TACTTGAGCA AAATCACCTG CAGGGG           86
101    (2) INFORMATION FOR SEQ ID NO: 7:
102      (i) SEQUENCE CHARACTERISTICS:
103          (A) LENGTH: 85 base pairs
104          (B) TYPE: nucleic acid
105          (C) STRANDEDNESS: single
106          (D) TOPOLOGY: linear
W--> 107      (ii) MOLECULE TYPE: DNA
108      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
109      ATCCGCCTGA TTAGCGATAC TAGGTGATCC CTGCAAAGGC AGGATAACGT   50
110      CCTGAGCATC ACTTGAGCAA AATCACCTGC AGGGG           85
112    (2) INFORMATION FOR SEQ ID NO: 8:
113      (i) SEQUENCE CHARACTERISTICS:
114          (A) LENGTH: 83 base pairs
115          (B) TYPE: nucleic acid
116          (C) STRANDEDNESS: single
117          (D) TOPOLOGY: linear
W--> 118      (ii) MOLECULE TYPE: DNA
119      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
120      ATCCGCCTGA TTAGCGATAC TATGTGATCC CTGCAGAGGG AGGANACGTC   50
121      TGAGCATCAC TTGAGCAAAA TCACCTGCAG GGG           83
123    (2) INFORMATION FOR SEQ ID NO: 9:
124      (i) SEQUENCE CHARACTERISTICS:
125          (A) LENGTH: 86 base pairs
126          (B) TYPE: nucleic acid
127          (C) STRANDEDNESS: single
128          (D) TOPOLOGY: linear
W--> 129      (ii) MOLECULE TYPE: DNA
130      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
131      ATCCGCCTGA TTAGCGATAC TCACGTGATC CCATAAGGGC TGCGCAAAAT   50
132      AGCAGAGCAT CACTTGAGCA AAATCACCTG CAGGGG           86
134    (2) INFORMATION FOR SEQ ID NO: 10:
135      (i) SEQUENCE CHARACTERISTICS:
136          (A) LENGTH: 86 base pairs
137          (B) TYPE: nucleic acid
138          (C) STRANDEDNESS: single
139          (D) TOPOLOGY: linear
W--> 140      (ii) MOLECULE TYPE: DNA
141      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
142      ATCCGCCTGA TTAGCGATAC TGGTGGACTA GAGGGCAGCA AACGATCCTT   50
143      GGTTAGCGTC CACTTGAGCA AAATCACCTG CAGGGG           86
145    (2) INFORMATION FOR SEQ ID NO: 11:
146      (i) SEQUENCE CHARACTERISTICS:
147          (A) LENGTH: 85 base pairs
148          (B) TYPE: nucleic acid
149          (C) STRANDEDNESS: single
150          (D) TOPOLOGY: linear

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W--> 151      (ii) MOLECULE TYPE: DNA
152      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
153      ATCCGCCTGA TTAGCGATAC TGGTGCACG AGGCTTACAC AAACGTACAC 50
154      GTTTCCCCGC ACTTGAGCAA AATCACCTGC AGGGG      85
156 (2) INFORMATION FOR SEQ ID NO: 12:
157      (i) SEQUENCE CHARACTERISTICS:
158          (A) LENGTH: 86 base pairs
159          (B) TYPE: nucleic acid
160          (C) STRANDEDNESS: single
161          (D) TOPOLOGY: linear
W--> 162      (ii) MOLECULE TYPE: DNA
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
164      ATCCGCCTGA TTAGCGATAC TTGTCGGAGC AGGGGCGTAC GAAAACTTTA 50
165      CAGTTCCCCC GACTTGAGCA AAATCACCTG CAGGGG      86
167 (2) INFORMATION FOR SEQ ID NO: 13:
168      (i) SEQUENCE CHARACTERISTICS:
169          (A) LENGTH: 86 base pairs
170          (B) TYPE: nucleic acid
171          (C) STRANDEDNESS: single
172          (D) TOPOLOGY: linear
W--> 173      (ii) MOLECULE TYPE: DNA
174      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
175      ATCCGCCTGA TTAGCGATAC TAGTGGAACA GGGCACGGAG AGTCAAACCTT 50
176      TGGTTTCCCC CACTTGAGCA AAATCACCTG CAGGGG      86
178 (2) INFORMATION FOR SEQ ID NO: 14:
179      (i) SEQUENCE CHARACTERISTICS:
180          (A) LENGTH: 86 base pairs
181          (B) TYPE: nucleic acid
182          (C) STRANDEDNESS: single
183          (D) TOPOLOGY: linear
W--> 184      (ii) MOLECULE TYPE: DNA
185      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
186      ATCCGCCTGA TTAGCGATAC TGTGGGTAGG GATCGGTGGA TGCCTCGTCA 50
187      CTTCTAGTCC CACTTGAGCA AAATCACCTG CAGGGG      86
189 (2) INFORMATION FOR SEQ ID NO: 15:
190      (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 86 base pairs
192          (B) TYPE: nucleic acid
193          (C) STRANDEDNESS: single
194          (D) TOPOLOGY: linear
W--> 195      (ii) MOLECULE TYPE: DNA
196      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
197      ATCCGCCTGA TTAGCGATAC TGGGCGCCCT AAACAAAGGG TGGTCACTTC 50
198      TAGTCCCAGG AACTTGAGCA AAATCACCTG CAGGGG      86
200 (2) INFORMATION FOR SEQ ID NO: 16:
201      (i) SEQUENCE CHARACTERISTICS:
202          (A) LENGTH: 87 base pairs
203          (B) TYPE: nucleic acid
204          (C) STRANDEDNESS: single

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205         (D) TOPOLOGY: linear
W--> 206     (ii) MOLECULE TYPE: DNA
207     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
208     ATCCGCCTGA TTAGCGATAC TTCCGGGCTC GGGATTCTGTG GTCACCTTCA 50
209     GTCCCGGATA TAACTTGAGC AAAATCACCT GCAGGGG 87
211 (2) INFORMATION FOR SEQ ID NO: 17:
212     (i) SEQUENCE CHARACTERISTICS:
213         (A) LENGTH: 84 base pairs
214         (B) TYPE: nucleic acid
215         (C) STRANDEDNESS: single
216         (D) TOPOLOGY: linear
W--> 217     (ii) MOLECULE TYPE: DNA
218     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
219     ATCCGCCTGA TTAGCGATAC TATGGGAGGG CGCGTTCTTC GTGGTTACTT 50
220     TTAGTCCCGA CTTGAGCAAA ATCACCTGCA GGGG 84
222 (2) INFORMATION FOR SEQ ID NO: 18:
223     (i) SEQUENCE CHARACTERISTICS:
224         (A) LENGTH: 84 base pairs
225         (B) TYPE: nucleic acid
226         (C) STRANDEDNESS: single
227         (D) TOPOLOGY: linear
W--> 228     (ii) MOLECULE TYPE: DNA
229     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
230     ATCCGCCTGA TTAGCGATAC TACGGGAGGG CACGTTCTTC GTGGTTACTT 50
231     TTAGTCCCGA CTTGAGCAAA ATCACCTGCA GGGG 84
233 (2) INFORMATION FOR SEQ ID NO: 19:
234     (i) SEQUENCE CHARACTERISTICS:
235         (A) LENGTH: 86 base pairs
236         (B) TYPE: nucleic acid
237         (C) STRANDEDNESS: single
238         (D) TOPOLOGY: linear
W--> 239     (ii) MOLECULE TYPE: DNA
240     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
241     ATCCGCCTGA TTAGCGATAC TGCTCGTAGG GGGCGATTCT TTCGCCGTTA 50
242     CTTCCAGTCC TACTTGAGCA AAATCACCTG CAGGGG 86
244 (2) INFORMATION FOR SEQ ID NO: 20:
245     (i) SEQUENCE CHARACTERISTICS:
246         (A) LENGTH: 86 base pairs
247         (B) TYPE: nucleic acid
248         (C) STRANDEDNESS: single
249         (D) TOPOLOGY: linear
W--> 250     (ii) MOLECULE TYPE: DNA
251     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
252     ATCCGCCTGA TTAGCGATAC TGAGGCATGT TAACATGAGC ATCGTCTCAC 50
253     GATCCTCAGC CACTTGAGCA AAATCACCTG CAGGGG 86
255 (2) INFORMATION FOR SEQ ID NO: 21:
256     (i) SEQUENCE CHARACTERISTICS:
257         (A) LENGTH: 86 base pairs
258         (B) TYPE: nucleic acid

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